

FIG. 2
TETHER STRING

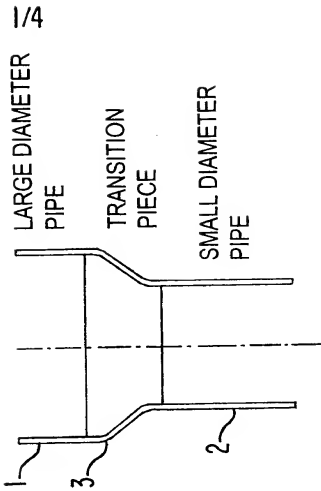


FIG. 3
DIAMETER TRANSITION

1/4

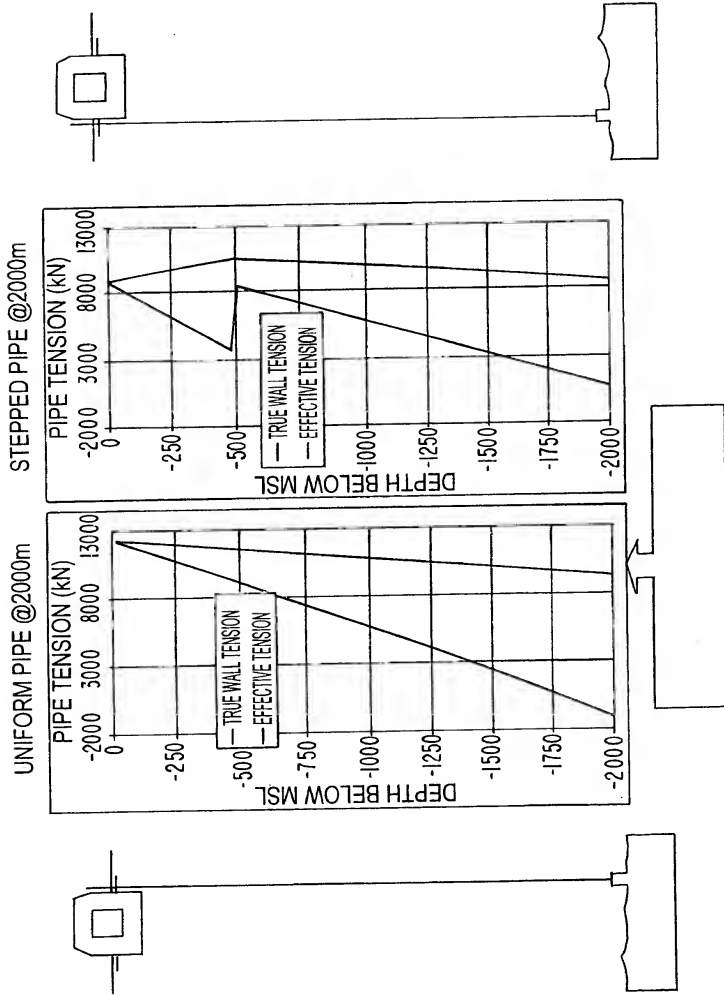


FIG. 4 TETHER PIPE TENSION



3/4

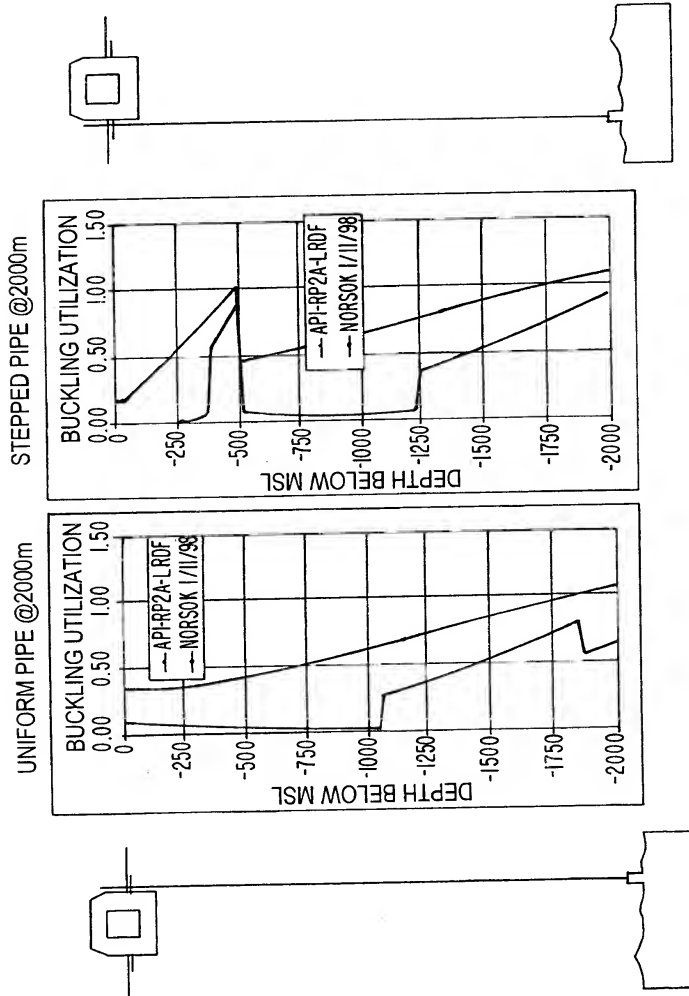


FIG. 5 TETHER PIPE UTILIZATION



OPTIMIZATION

1. DIRECTION OF INCREASED BUOYANCY
2. DIRECTION OF INCREASED STIFFNESS
3. DIRECTION OF INCREASED HYDROSTATIC CAPACITY

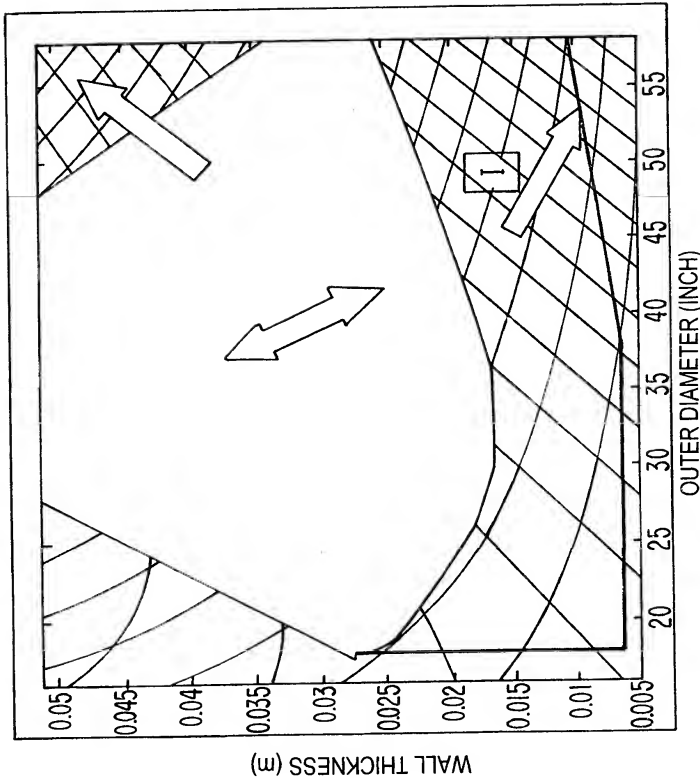


FIG. 6 OPTIMIZATION CHART